

Substitute for Form 1449 A & B/PTO

Complete if Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 2

Application Number	10/663,749
Confirmation Number	5604
Filing Date	September 17, 2003
First Named Inventor	TANABE, Tadashi
Art Unit	1644
Examiner Name	Kim, Y.
Attorney Docket Number	Q77569

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
	US				

FOREIGN PATENT DOCUMENTS

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁴
WJK		Weksler, Heparin and Acidic Fibroblast Growth Factor Interact to Decrease Prostacyclin Synthesis in Human Endothelial Cells by Affecting Both Prostaglandin H Synthase and Prostacyclin Synthase; <i>J. Cell. Physiol.</i> , 142(3):514-522 (1990)	
		Hara et al., Isolation and Molecular Cloning of Prostacyclin Synthase from Bovine Endothelial Cells, <i>J. Biol. Chem.</i> 269:19897-19903 (1994)	
		Smith et al., Bimodal Distribution of the Prostaglandin I ₂ Synthase Antigen in Smooth Muscle Cells, <i>J. Biol. Chem.</i> , 258(9):5922-5926 (1983)	
		Smith et al., Purification, Quantitation, and Localization of PGI ₂ Synthase Using Monoclonal Antibodies, <i>Adv Prostaglandin Thromboxane Leukot Res.</i> 11:87-92 (1983)	
		S. Moncada, Eighth Gaddum Memorial Lecture. University of London Institute of Education, December 1980. Biological importance of prostacyclin. <i>Br J Pharmacol.</i> 76(1):3-31 (1982).	
		Gorman et al., Agonist-Specific Desensitization of PGI ₂ -Stimulated Cyclic AMP Accumulation by PGE ₁ In Human Foreskin Fibroblasts, <i>Prostaglandins</i> , 19(1):2-16 (1980).	
		Cytochrome P-450, Biochemistry, Biophysics and Environmental Implications, Proceedings of the 4 th International Conference on Cytochrome P-450 held in Kuopio, Finland, May 31-June 3, 1992, E. Hietanen et al., eds., pp. 103-106, 1982.	
		DeWitt et al., Purification of Prostacyclin Synthase from Bovine Aorta By Immunoaffinity Chromatography, <i>J. Biol. Chem.</i> , 258(5):3285-93 (1983).	
		M. Inoue, Molecular Characterization of the Prostacyclin Synthase, <i>Adv Prostaglandin Thromboxane Leukot Res.</i> 17A:29-33 (1987).	
		Pereira et al., Bovine Prostacyclin Synthase: Purification and Isolation of Partial cDNA, <i>Biochem. Biophys. Res. Comm.</i> 197(3):1041-1048 (1993)	
		T. Shimizu, Structure-function relationships of membrane-bound heme-enzyme, cytochrome P450, Institute for Chemical Reaction Science, Tohoku University, pp. 10-15, 1992	
WJK		Salmon et al., Preparation and Assay of Prostacyclin Synthase, <i>Methods in Enzymology</i> , 86:91-99 (1982)	

Examiner Signature

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

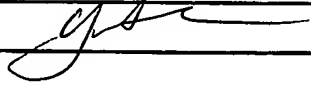
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NON PATENT LITERATURE DOCUMENTS			
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UK		Tanabe et al., Molecular Cloning of Prostacyclin Synthase From Bovine Endothelial Cells, in Eicosanoids & Other BioActive Lipids in Cancer, Inflammation and Radiation Injury, 3 rd Int'l Conf., Georgetown Conference Center, Washington D.C., pp 137, Oct. 13-16, 1993	
		Tanabe et al., Advances in Prostaglandin, Thromboxane and Leukotriene Research, Vol. 23, 1995, pp. 133-135	
		Govindarajan et al, Immunohistochemical distribution of renal prostaglandin endoperoxide synthase and prostacyclin synthase: diminished endoperoxide synthase in the hepatorenal syndrome. <i>Hepatology</i> 7(4):654-659 (1987)	
		Keirse et al., Does or can human placenta produce prostacyclin? <i>Placenta</i> 7(1):37-42 (1986)	
		Siegle et al, Characterization of monoclonal antibodies generated against bovine and porcine prostacyclin synthase and quantitation of bovine prostacyclin synthase, <i>FEBS Lett.</i> 347(2-3):221-5 (1994)	
		Dewitt et al., Monoclonal antibodies against PGI ₂ synthase: an immunoradiometric assay for quantitating the enzyme. <i>Methods Enzymol.</i> 86:240-246 (1982)	
		Mooney et al., Immunohistochemical localisation of prostaglandin endoperoxide synthase and prostacyclin synthase in pregnant human myometrium. <i>Eur J Obstet Gynecol Reprod Biol.</i> 19(3):151-158 (1985)	
		Harlow et al, Antibodies a Laboratory Manual, Cold Spring Harbor Laboratories, 1989, Chap. 8, pp. 283-318	
		Sato et al., Role of prostaglandins in pregnancy-induced hypertension, <i>Am. J. Kidney</i> , 17(2):133-138 (1991)	
		Gryglewski et al., Prostacyclin and Vascular Disease, <i>Philos. Trans. R. Soc. Lond. B. Biol. Sci.</i> , 294(1072):383-388 (1981)	
UK		Pereira et al., Molecular Cloning and Characterization of Bovine Prostacyclin Synthase, <i>Biochem. Biophys. Res. Commun.</i> 203(1):59-65 (1994)	

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